

**TO: Mary Lee, Director, TC 1700**

**FROM: Roy King, SPE, AU 1742**

**DATE: April 3, 2003**

**SUBJECT: Request to withdraw from issue after payment of issue fee  
for SN 09/833,806 under 37 CFR 1.313(b)**

Application SN 09/833,806 was allowed on 12/16/02. The applicants have paid the issue fee. On January 13, 2003, the applicants filed a supplemental IDS from JPO, which contains a reference of JP 09-271,909. The primary examiner, John Sheehan and I have determined that the allowed claim 1 of SN 09/833,806 would have been obvious in view of JP 09-271,909 (with English translation) (see below).

Therefore, it is requested to withdraw SN 09/833,806 from issue under 37 CFR 1.313(b).

**Attachment:**

Applicants' claim 1 is directed to;

a cooling roll for quenching molten alloys  
having at least one groove provided on its circumferential surface,  
wherein the average width of the groove is 0.5 to 90 microns for preventing the molten alloy from entering the groove.

The reference Japanese document No. 09-271909 (cited in the Japanese office action) teaches ([0002] to [0013]):

a cooling roll for quenching molten alloys,  
having V-shaped grooves on its circumferential surface  
wherein the average width of the grooves is about 0.1 to 50 microns.

The reference discloses that the probability that the molten alloy will enter the groove is greater if the groove width is greater than 50 microns.

The reference teaches a cooling roll having grooves as recited in applicants' claim 1 wherein the cooling roll has a groove width that overlaps applicants' groove width. Further, the reference teaches the overlapping groove width for the same purpose, to keep the molten alloy from entering the groove.